

Clement J. Zablocki VA Medical Center

CLC Road Loop Final Wear Course

Project 695-16-113

Construction Documents

September 11, 2015



US Department of Veterans Affairs
Clement J. Zablocki VA Medical Center
5000 W. National Ave.
Milwaukee, WI 53295-0001

PROJECT MANUAL STATEMENT OF WORK

Prepared by:

Facility Management Division



1. General

- A. Provide all labor, materials, tools, equipment, and supervision necessary to perform the following work:
 - a. Provide site work (Divisions 31 and 32) related to roads, curb and gutter, sidewalks, storm water utilities, surveying, and landscape restoration in vicinity of CLC road.
 - b. Provide work in other Divisions (1, 2, 3, 5) per contract.

2. Scope of Work Task Summary

- A. Provide following at the Milwaukee VAMC:
 - a. Professional Survey before and after site work.
 - b. Repair curb and gutter and sidewalks indicated on Drawings.
 - c. Repair/modify buried stormwater utilities including piping and manholes, where shown on Drawings.
 - d. Site work includes excavation, removal of unsuitable fill, drainage piping, backfilling, and compaction, concrete (sidewalk, curb and gutter), asphalt (pavement removal and replacement with new), asphalt milling, tack coat, and final wear course application.
 - e. Traffic Control measures during work.
 - f. Restore landscaped areas disturbed by work.

3. Requirements

- A. Work Requirements: The work requirements are defined in the Statement of Work (SOW), Available Drawings, Specifications, Technical Documents, and List of Material Submittals.
- B. Available Drawings: Available drawings are Schematic Design only and are not intended to be complete construction drawings. The project scoping process is collaborative with owner and contractor's scoping and proposal services in which various options may be explored during the pre-construction phase to accomplish the desired result.
- C. Specifications: Work shall be accomplished consistent with standards, criteria, products, and execution methods set forth in the VA Master Construction Specifications as defined in <http://www.cfm.va.gov/til/spec.asp>. In addition, Specifications were edited specifically for work performed on this project. See specifications Table of Contents.
- D. Material Submittals: Submittals shall be provided in accordance with [Section 01 33 23, Shop Drawings, Product Data, and Samples](#). Provide all submittals required by applicable sections of the VA Master Construction Specifications as defined in <http://www.cfm.va.gov/til/spec.asp>.
- E. Sole Source Items: The following sole-source items are required:
 - a. **None**
- F. Basis of Design: The following items are used as a basis of design. Provide as shown in the plans and specifications or VA-approved equivalent:
 - a. **Tensar GlassPave25** (underlayment for asphalt pavement)
 - b. **Forta EconoMono** (fiber reinforcement for concrete)
- G. Pre-Construction Conference: A Pre-construction conference will be conducted prior to commencement of work. Site survey is required as part of work.

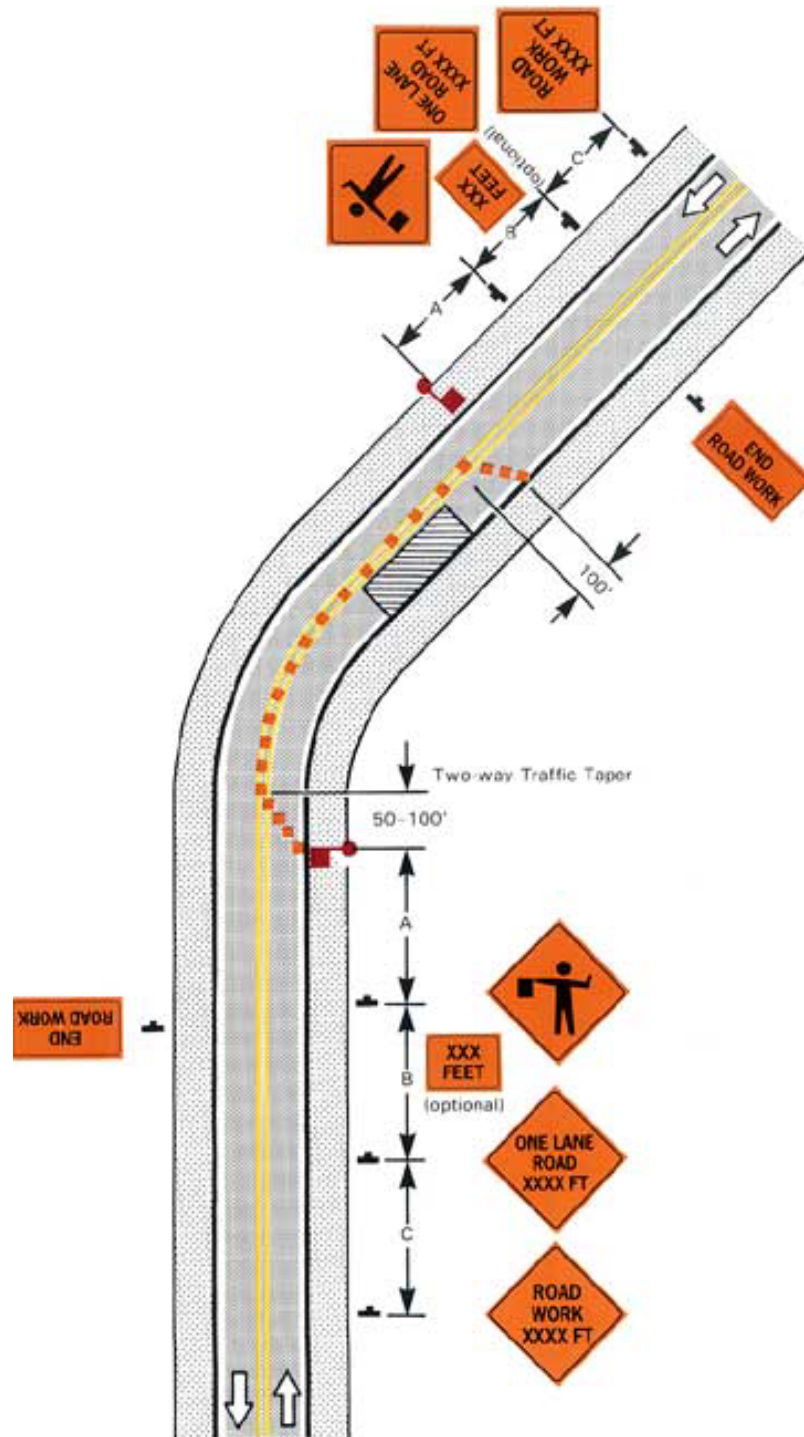
- H. Coordination: The contractor shall coordinate all work with other projects in the area and with the VA. All work shall be performed in accordance with VA Standards and Specifications.
- I. Schedule: The contractor shall provide a separate Project Schedule and Weekly Short Interval Production Schedule. Schedules shall be completed in accordance with [Section 01 12 16 Work Schedule](#) and [Section 01 32 16.15 Project Schedules](#).
- J. Outages and Shutdowns: All shutdowns and utility outages shall be coordinated and approved two (2) weeks in advance and shall take place during off duty hours between 7:00pm and 4:30am. All work will be completed to minimize downtime.
- K. Performance Period: The contract performance period for all subtasks defined in this IDIQ Delivery Order is 365 days.

Statement of Work

Item No.	Description of Work – Provide following:
1	Site survey before and after work. Civil and Survey notes on Drawings indicate requirements.
2	<p>Site work, including erosion control, concrete and pavement demolition, excavation, backfilling, and compaction, concrete and rebar, asphalt milling and patching. Full depth removal and replacement of asphalt shall be implemented on roads shown as Old on Drawings. Scarify, tack coat, and provide final wearing course for CLC roads.</p> <p>Small excavations are required as indicated on Drawings. Utilities that cross within excavation for Old Road require flowable fill reinforcement to base of new asphalt.</p>
3	<p>Traffic Control measures are not optional. Except as noted, Contractor may shut down the work zone area shown on drawings for up to one week, or opt to perform work during nights and weekends.</p> <ul style="list-style-type: none">Only one side of the CLC loop at a time may be shut down for work. The entry/exit intersection at the southwest side of the CLC loop shall be weekend work. See notes on Drawings for additional constraints.Construction Signage shall include but is not limited to:<ul style="list-style-type: none">Road closedDetourCaution Construction AheadSidewalk Closed
4	Site restoration in lawn areas. Pre-work photo survey is required.

Notes:

- A. Maintain accountability for all tools on jobsite. Tools shall remain in contractor's possession or within secured container at all times due to the environment of the job site.
- B. Provide Lane Closure on Two-Lane Road Using Flaggers (excerpt from MUTCD Figure TA-10). Roadway and pedestrian travel path signage and protective devices specified in the Manual on Uniform Traffic Control Devices (MUTCD) guidelines for construction.
(https://www.osha.gov/doc/highway_workzones/mutcd/ and <http://www.dot.wisconsin.gov/business/engrserv/docs/wmutcd.pdf> , Part 6)
- C. Work at the VA shall be considered urban low-speed two-way single-lane, and shall always require two flagmen, whether contractors block one lane or just work on the shoulder. Only one lane may be blocked at any one time. Figure TA-10 temporary signage is required. Tapered zone may be 40' on campus. Barrel spacing shall not exceed 10' o.c.
- D. Night and weekend work hours are unrestricted.
 - a. Floodlights shall be provided to mark flagger stations, if contractor elects to perform work at night.
 - b. Channelizing devices are to be extended to a point where they are visible to approaching traffic.
 - c. The ROAD WORK AHEAD and the END ROAD WORK signs may be omitted for short-duration operations.
 - d. Provide flashing warning lights for night work.



e.

Figure TA-10. Lane closure for one lane-two way traffic control.